



District of Columbia Public Schools - Essential Skills Software

This document outlines the correlations between the Kindergarten learning standards for Mathematics for the the District of Columbia Public Schools and the complete line of Essential Skills Software Programs. The specific DCPS learning standards are noted on the left and are matched with the relevant Essential Skills Software program on the right. Where correlations are not exact, the difference is noted in brackets. Essential Skills programs correlate with 96% of the Kindergarten learning standards for Mathematics for the the District of Columbia Public Schools.

1.1 - Number Sense and Operations - Number Sense

DCPS LEARNING STANDARD	CORRELATING ESS PROGRAMS
K.NSO-N.1. Count by ones to at least 20.	Readiness Skills (to 10)
K.NSO-N.2. Represent, name, and order a set of objects (up to 20).	
K.NSO-N.3. Match quantities up to at least 10 with numerals and words.	
K.NSO-N.4. Compare sets of up to at least 10 concrete objects using appropriate language (e.g., none, more than, fewer than, same number of, one more than).	Mastering Numeration 1
K.NSO-N.5. Identify positions of objects in sequences (e.g., first, second) up to fifth.	Mastering Numeration 2
K.NSO-N.6. Identify U.S. coins by name and determine their value.	Measurement 1 Mastering Numeration 1

1.2 - Number Sense and Operations - Fractions

DCPS LEARNING STANDARD	CORRELATING ESS PROGRAMS
K.NSO-F.7. Understand the concepts of whole and half.	Mastering Numeration 1

1.3 - Number Sense and Operations - Computation and Operations

DCPS LEARNING STANDARD	CORRELATING ESS PROGRAMS
K.NSO-C.8. Use objects and drawings to model and solve related addition and subtraction problems to 10.	Mastering Numeration 1 (to 18)

1.4 - Number Sense and Operations - Estimation

DCPS LEARNING STANDARD	CORRELATING ESS PROGRAMS
K.NSO-E.9. Estimate the number of objects in a group and verify results.	

2 - Patterns, Relations & Algebra

DCPS LEARNING STANDARD	CORRELATING ESS PROGRAMS
K.PRA.1. Identify the attributes of objects as a foundation for sorting and classifying.	<p>Patterning, Geometry & Data Management 1</p> <p>Readiness Skills</p>
K.PRA.2. Sort and classify objects by attributes and explain; identify objects that do not belong to a particular group.	
K.PRA.3. Identify, reproduce, describe, extend, and create color, rhythmic, shape, number, and letter repeating patterns with simple attributes.	
K.PRA.4. Count by fives and tens up to at least 50.	<p>Mastering Numeration 2</p> <p>(to 100)</p>

3 - Geometry

DCPS LEARNING STANDARD	CORRELATING ESS PROGRAMS
K.G.1. Name shapes of pattern blocks (e.g., triangle, square, circle).	<p>Patterning, Geometry & Data Management 1</p> <p>Readiness Skills</p>
K.G.2. Describe attributes of two-dimensional shapes (e.g., number of sides, number of corners, size, roundness); sort these shapes.	<p>Patterning, Geometry & Data Management 1</p>
K.G.3. Identify and compare three-dimensional shapes.	
K.G.4. Identify positions of objects in space and use appropriate language to describe and compare their relative positions.	<p>Patterning, Geometry & Data Management 1</p> <p>Readiness Skills</p>

4 - Measurement

DCPS LEARNING STANDARD	CORRELATING ESS PROGRAMS
K.M.1. Recognize and compare objects with respect to the attributes of length, volume/capacity, weight, area, and time using appropriate language.	Measurement 1
K.M.2. Make and use estimates of measurements from everyday experiences.	
K.M.3. Use standard and nonstandard units to measure length.	
K.M.4. Order events in a day.	
K.M.5. Tell time to the nearest hour.	
K.M.6. Identify U.S. coins and their value.	Measurement 1 Mastering Numeration 1

5 - Data Analysis, Statistics, and Probability

DCPS LEARNING STANDARD	CORRELATING ESS PROGRAMS
K.DASP.1. Gather data about self and the environment to answer questions of interest to children; record the results using concrete graphs and simple picture graphs to display data.	Patterning, Geometry & Data Management 1
K.DASP.2. Describe relationships displayed in graphs, tables, or other representations.	